

What is claimed is;

1. An engine control device comprising an integrated circuit such as an arithmetic processing unit etc. for processing operation of control programs, characterized in that

said engine control device comprises an output voltage adjustment circuitry to switch a rated voltage to screen said integrated circuit, and

said output voltage adjustment circuitry comprises plural resistors provided between an output side power line of said rated voltage and a gland side.

2. An engine control device as defined in claim 1, said engine control device characterized in that

said output voltage adjustment circuitry is connected to an other resistor connected to said gland side, and

a connecting point between said plural resistors is connected to said other resistor and is connected to said constant voltage source circuitry which outputs said rated voltage to said integrated circuit.

3. An engine control device as defined in claim 2, said engine control device characterized in that

said other resistor is connected to said gland side by change over a switch on/off.

4. An engine control device as defined in claim 2 or 3, said engine control device characterized in that said other resistor is provided outside of said engine control device.

5. An engine control device as defined in claim 4, said

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engine control device characterized in that said other resistor is connected to a connecting point between said plural resistors through a non-connected terminal of said engine control device.

5 6. An engine control device as defined in claim 2 ~~or 3~~,
 said engine control device characterized in that
 said other resistor is provided inside of said engine control device.

7. An engine control device as defined in claim 6, said
 10 engine control device characterized in that
 said other resistor is switched on/off by a serial communication signal.

8. An engine control device as defined in claim 7, said
 engine control device characterized in that
 15 said arithmetic processing unit has a storage device to be capable of rewriting said control program by said serial communication signal so as to switch on/off.

9. An engine control device as defined in claim 7, said
 engine control device characterized in that
 20 said arithmetic processing unit has a control program to switch over said rated voltage by said serial communication signal so as to switch on/off.

9 10. An engine control device as defined in ~~claims 1 to 9~~,
 said engine control device characterized in that

25 said engine control device adds a higher voltage value than that in usual operation on said integrated circuit when screening said integrated circuit.

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11. A control device comprising an integrated circuit of an arithmetic processing unit for operating a control program, comprising

B an output voltage adjustment means to switch over a
5 rated voltage to screen said integrated circuit, and

a check means to examine a characteristic of said arithmetic processing unit and said integrated circuit.

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